Qty:

4 Um:

Each

: 412 GROSS WEIGHT TOWING KIT

: D412666011

: 28/11/2008

: N/A

: C

. D412-666 REV C

Date: User: Monday, 10/11/2008 10:43:33 AM

Julie Dawson

Process Sheet

Drawing Name

Part Number

Material

Due Date

Drawing Number

Project Number

Drawing Revision

Customer Job Number : CU-DAR001 Dart Helicopters Services

: 43270 : 12592

Estimate Number P.O. Number

: 10/11/2008 This Issue

: NC

Prsht Rev. : // First Issue

: 42642 **Previous Run**

Written By Checked & Approved By

Comment

: Est Rev:B

Added GHG 002

Est Rev:C As per Rev C

S.O. No. :

Type

NG 02-03-06

: MACHINED PARTS

JLM 07-09-07 Verified By:EC

Additional Product

Job Number:

Seq. #:

Machine Or Operation:

Description: DOCUMENT CONTROL

1.0

Comment: Photocopy bluefile & type labels per PPP412-666-011

PACKAGING RESOURCE #1

PACKAGING 1 2.0

Comment: PACKAGING RESOURCE #1

Pick Packing Kit

3.0

D2888

Lug

2.0000 Each(s)/Unit

Comment: Qty.:

Luq

Batch

8.0000 Each(s) Total:

AN615A

Bolt

Comment: Qty.: 4.0000 Each(s)/Unit

Bolt

Batch

Total:

Total:

AN645A

Comment: Qty.: 4.0000 Each(s)/Unit

Bolt

Batch:

Bolt

16.0000 Each(s)

16.0000 Each(s)

Page 1

Form: rprocess

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W/O:	-	· · · · · · · · · · · · · · · · · · ·	WC	RK ORDER CHANG	ES				
DATE	STEP	PRC	PROCEDURE CHANGE				Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
Part No	:	PAR #:	Fault Cate	gory:	NCR: Yes	No DQ	A:	Date:	
		esolution:	Disposition	_ QA: N/C C	QA: N/C Closed:			Date:	
NCR:			WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section Sectio		on B Sign Date	& Secti	cation ion C	Approval Chief Eng	Approval QC Inspector
									•

NOTE: Date & initial all entries

Date: User:	Monday, 10/11/20 Julie Dawson	008 10:43:33 AM	Process Sheet	
Çusto	omer: CU-DAR001	Dart Helicopters Services		ROSS WEIGHT TOWING KIT
Job Nun	nber: 43270		Part Number: D4126	66011
Job Number				
Seq. #:		r Operation:	Descriptio	n:
6.0	AN960JD616		Washer	
3 (4)	omment: Qty.: Washer Batch:	8.0000 Each(s)/Unit Total :	32.0000 Each(s)	8 of 11/18 Q
7.0	MS21042L6		Nut	
G CC	omment: Qty.: Nut Batch:	4.0000 Each(s)/Unit Total:	16.0000 Each(s)	S 08/11/17/49
8.0	QC4		INSPECT 100% KITS FOR COMPLETE	NESS
9.0	packaging	T 100% KITS FOR COMPLETE	ENESS PACKAGING RESOURCE #1	0 08/11/18 (XV)
			TAGING NEGOGIAE	
Co		GING RESOURCE #1 and pack for shipping as per PF	PP D412-666-011	
10.0	Location PPP Re		FINAL INSPECTION/W/O RELEASE	25 08 ht 18 60
10.0	QC21	ISPECTION/W/O RELEASE	FINAL INSPECTION WORLLAGE	11111111 08/n/19 HJ
Job Completion				mf 08-11-18
	1 10031111			

Dail Ac	TOSPACE L								
W/O:			WO	RK ORDER CHANG	ES				
DATE	STEP	PROCEDURE CHANGE			Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approva QC Inspector
					,			į	
									:
Part No) :	PAR #:	Fault Categ	ory:	NCR: Yes	No DQ	A:	Date:	
Resolution:		Disposition:		QA: N/C Closed: Date:					
NCR:			WORK ORDE	R NON-CONFORMA	NCE (NCI	R)			
DATE	OTED	Description of NC	Corrective Action Sec		on B	Verific	ication Approval	Approval	
DATE	SIEP	STEP Description of NC Section A	Initial Chief Eng	Action Description Chief Eng	Sign Date	& Sect	Section C Chief Eng	QC Inspecto	
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NOTE: Date & initial all entries

1.0 APPLICABILITY:

GROSS WEIGHT TOWING KIT D412-666-011 MAY BE INSTALLED ON DART D205-634-XXX OR D204-635-XXX OR D412-742-XXX SKIDTUBES INSTALLED ON 412 AIRCRAFT TO ALLOW GROUND HANDLING AT GROSS WEIGHT IN ACCORDANCE WITH BELL SERVICE INSTRUCTION BHT-412-SI-58. IT IS ALSO ACCEPTABLE TO INSTALL THIS KIT ON 204/205/210/212 AIRCRAFT EQUIPPED WITH DART SKIDTUBES IN ORDER TO PRESERVE THE LIFE OF THE AFT CROSSTUBES. THIS KIT CONTAINS ENOUGH PARTS TO INSTALL D2888 LUGS ON BOTH SKIDTUBES.

2.0 PARTS LIST:

QTY -011	PART	DESCRIPTION
X	D412-666-011	GROSS WEIGHT TOWING KIT
2	D2888	LUG
4	AN6-15A	BOLT
4	AN6-45A	BOLT
8	AN960JD616	WASHER
4	MS21042L6	NUT (or MS21042-6)

WEIGHT AND BALANCE:

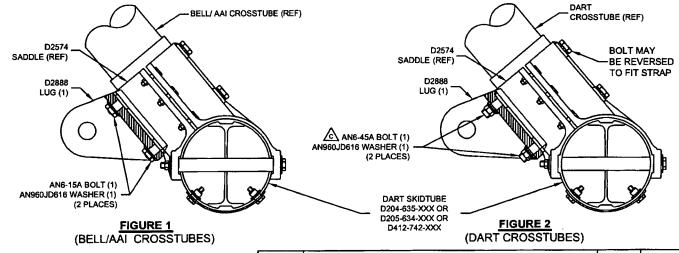
		LONGITUDINAL		
INSTALLATION	WEIGHT	ARM	MOMENT	
D412-666-011	1.90 lb	163.0 in	310 in lb	
	0.86 kg	4.14 m	3.56 m kg	

PROCEDURE: 4.0

- REMOVE ANS-12A BOLTS (4) ON INBOARD SIDE OF AFT SADDLE AND DISCARD. ON LANDING GEAR WITH DART AFT 1) CROSSTUBES, REMOVE (4) AN6-40A BOLTS.
- INSTALL D2888 LUGS WITH AN6-15A BOLTS (2) AS SHOWN IN FIGURE 1. USE AN6-45A (2) BOLTS ON DART CROSSTUBES, AS 2) SHOWN IN FIGURE 2.
- TORQUE BOLTS TO 95-110 in-lb (10.7-12.4 N-m). 3)

∕2\5.0 NOTE:

IT IS ACCEPTABLE TO REPLACE THE ANG-15A/-45A BOLTS WITH LONGER OR SHORTER ANG BOLTS AS REQUIRED AND/OR INSTALL EXTRA AN960JD616 WASHERS UNDER NUT TO ENSURE 1.5 TO 4 THREADS IN SAFETY.



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REV.	DESCRIPTION	BY	DATE
Α	NEW ISSUE	CP	99.05.03
В	UPDATE KIT FOR BOTH SKIDTUBES AND COMPATIBILITY WITH DART CROSSTUBES	СР	02.03.04
С	- AN6-45A WAS AN6-43A, ADD NOTES - TO ENSURE COMPATIBILITY WITH D412-742-011/-013 - ESTIMATE (PARTS/PICK LIST) IS AFFECTED	МВ	07.08.09

1 1 1 2						
DESIGN		DART AEROSPACE LTD				
DRAWN	-4	HAWKESBURY, ONTARIO, CAN	NADA			
CHECKED	PH	DRAWING NO.	REV. C			
MFG. APPR.	N/A	D412-666	SHEET 1 OF 1			
APPROVED	#	TITLE	SCALE			
DE APPR.		412 GROSS WEIGHT TOWING KIT 1:				
DATE OT C	18 10	COPYRIGHT © 1999 BY DART AEROSPACE THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPI				

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